

Figure 1 consists of three Western blot panels. The top-left panel shows the detection of p63/44/40 protein using an anti-p63/44/40 antibody. The top-right panel shows the detection of LCCL protein using an anti-LCCL antibody. The bottom panel shows the detection of p63/44 protein using an anti-p63/44 antibody. Each panel includes molecular weight markers (MW) on the left and protein size labels (63k, 44k, 40k, 16k) on the right. The lanes are labeled with tissue types and sample numbers.

Panel	Antibody	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8
Top Left	anti p63/44/40	Human inner ear 205	Human inner ear 205	Human perilymph 205	Bovine inner ear 205	Bovine perilymph 205	Guinea pig inner ear 205	Guinea pig perilymph 2	
Top Right	anti LCCL	Human inner ear 05	Human perilymph 205	Bovine inner ear 05	Bovine perilymph 205	Guinea pig inner ear 05	Guinea pig perilymph 2		
Bottom	anti p63/44	Human inner ear 205	Human inner ear 205	Human perilymph 205	Bovine inner ear 205	Bovine perilymph 205	Guinea pig inner ear 205	Guinea pig perilymph 2	

Fig. 2

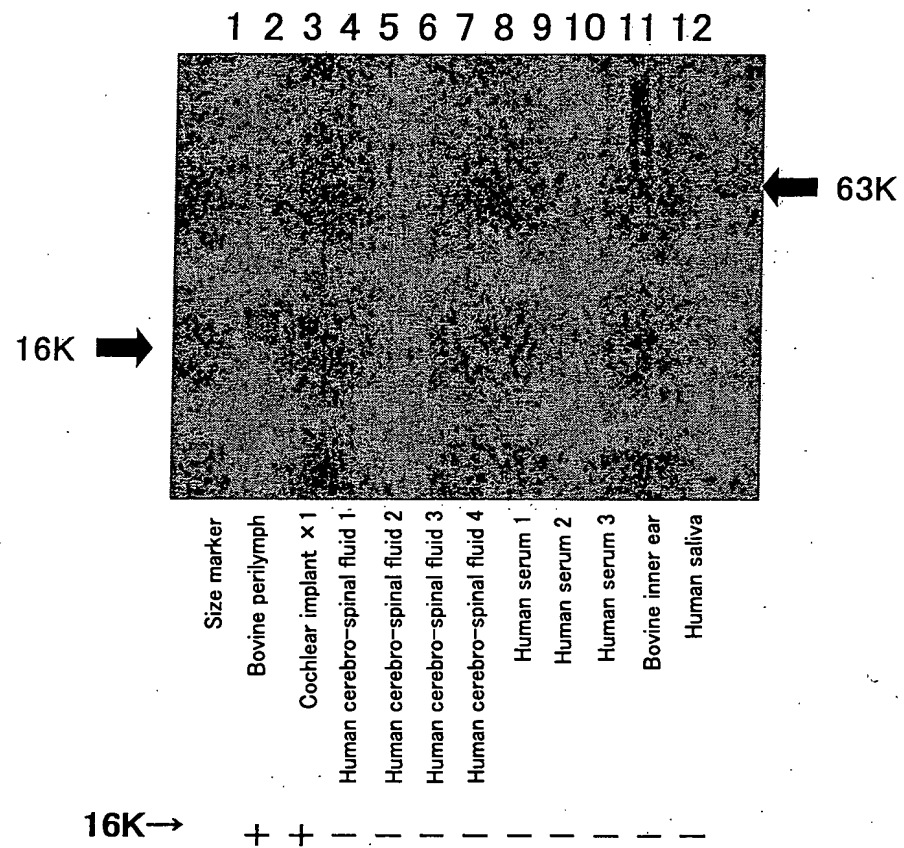


Fig. 3

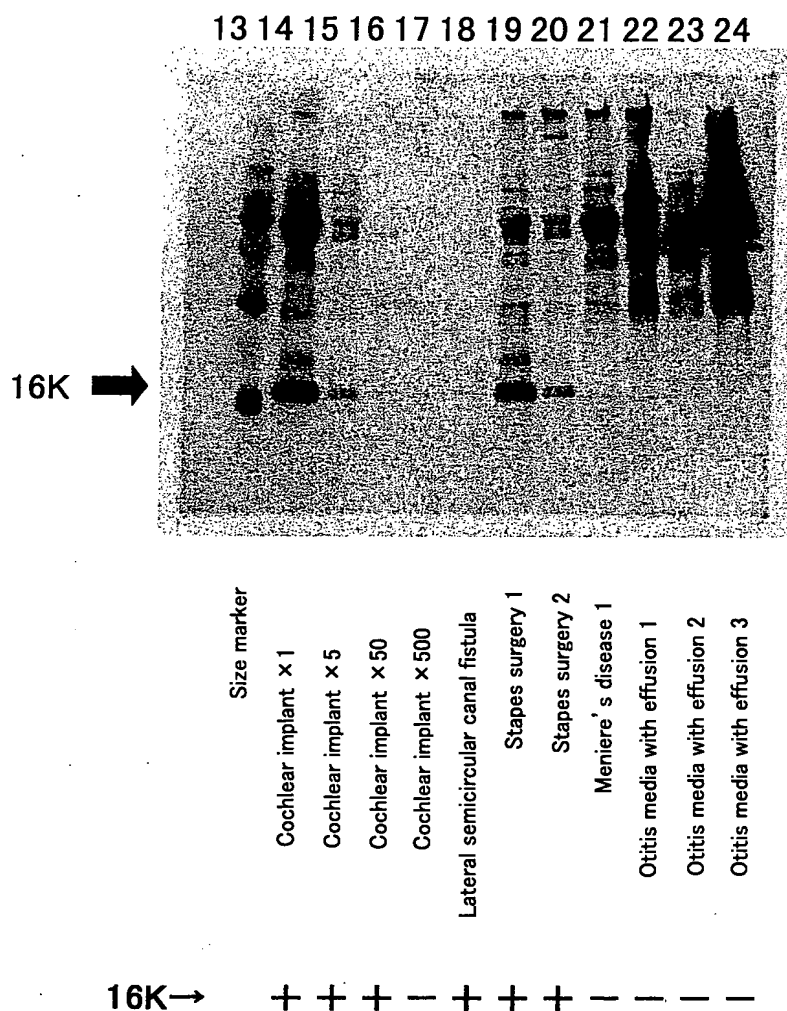


Fig. 4

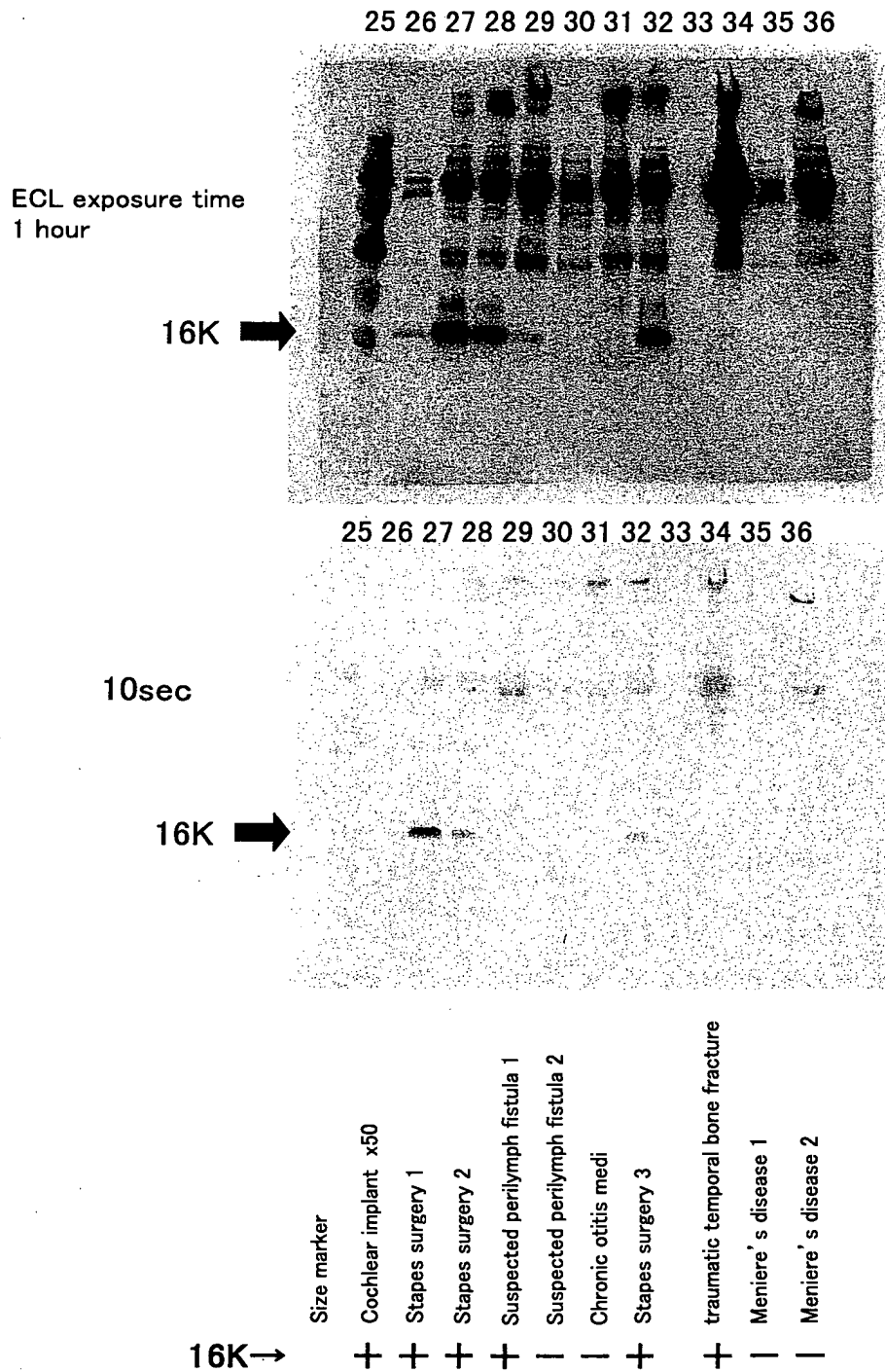


Fig. 5

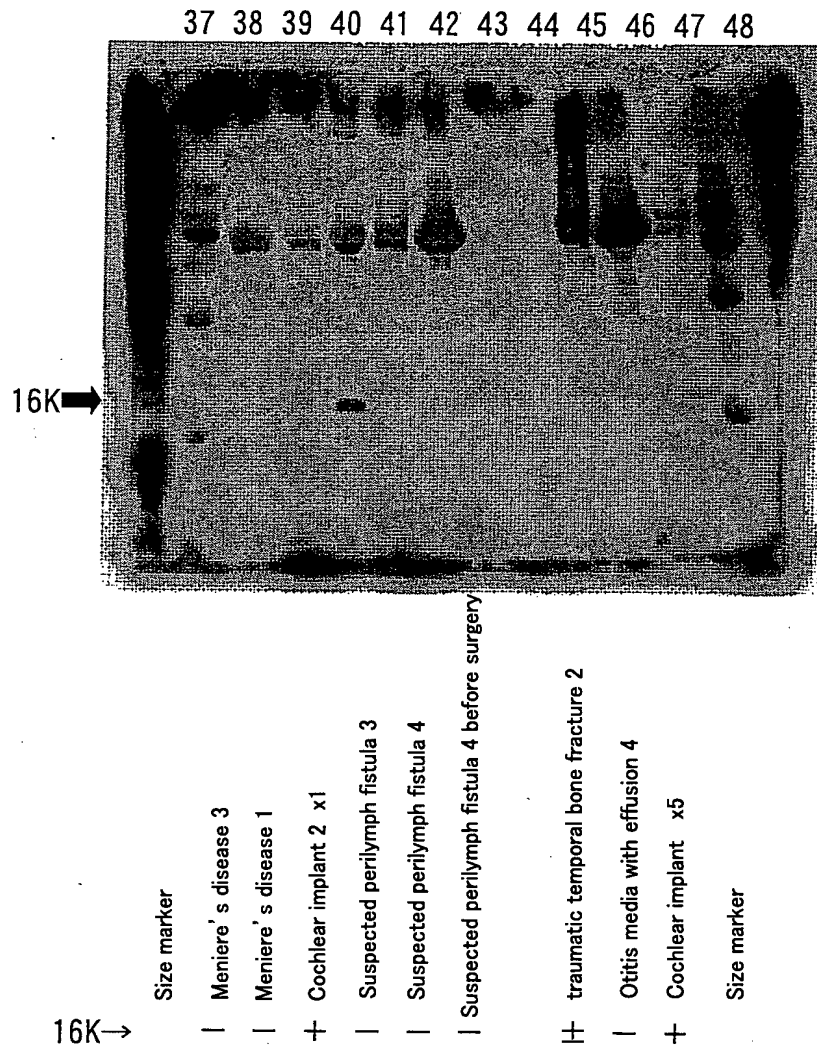


Fig. 6

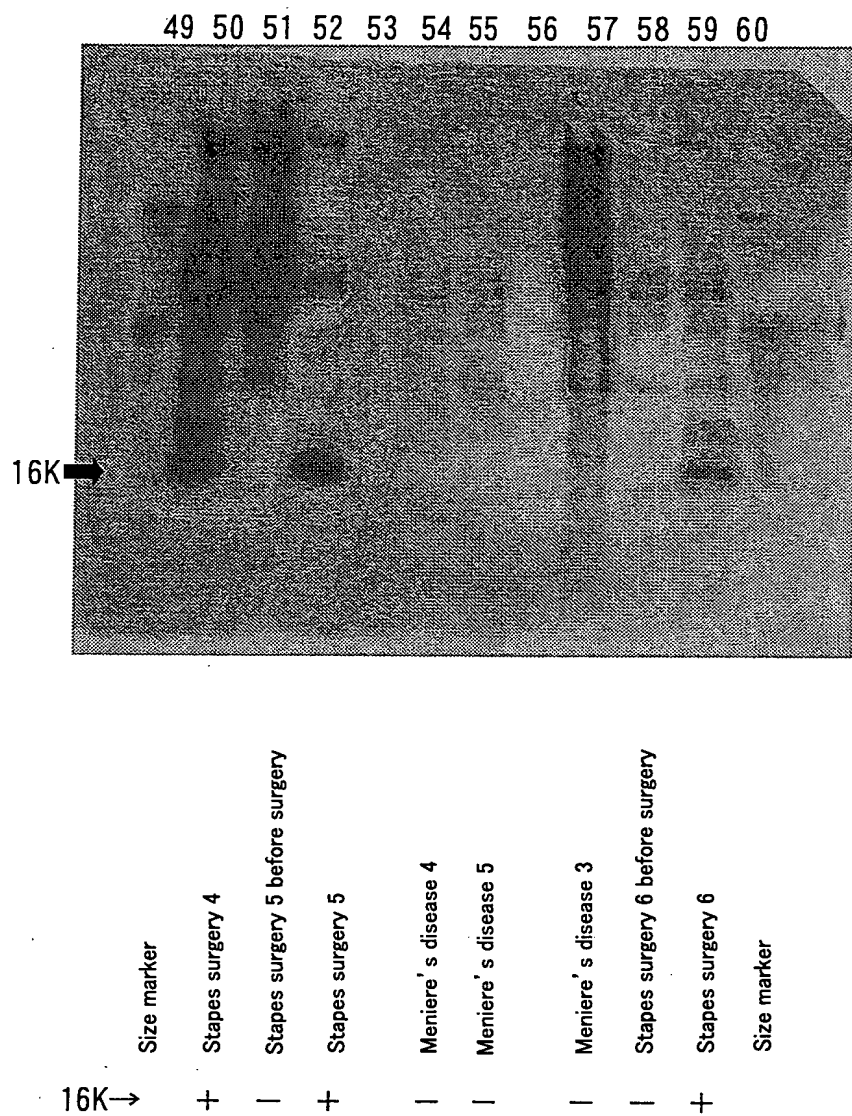
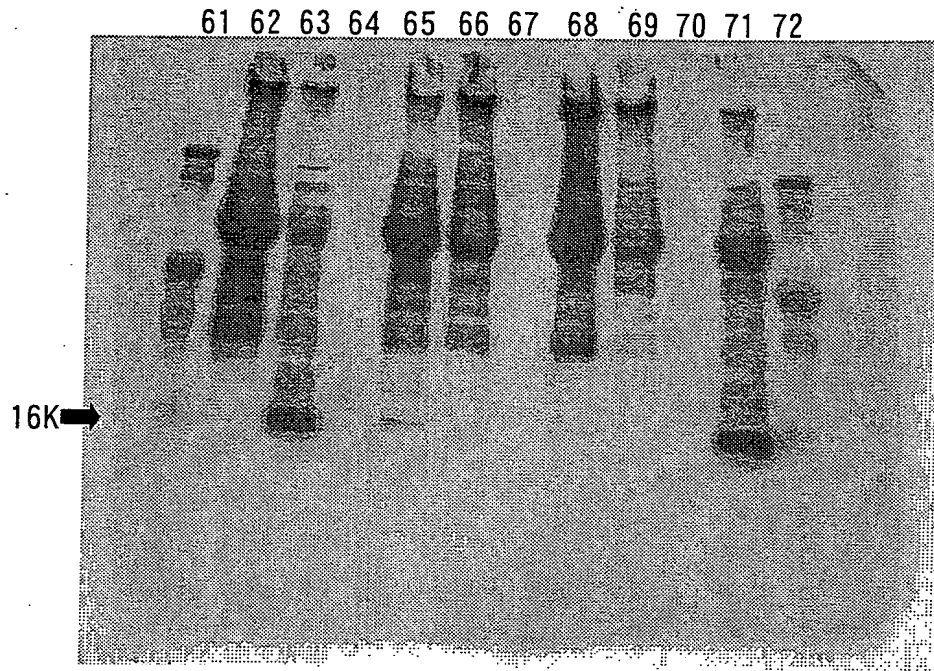


Fig. 7



16K→	Size marker	Stapes surgery 7 before surgery	Stapes surgery 7	Suspected perilymph fistula 5	Suspected perilymph fistula 6	Suspected perilymph fistula 7	Suspected perilymph fistula 8	Stapes surgery 8	Size marker
	—	+	+	+	+	+	+	+	

Fig. 8

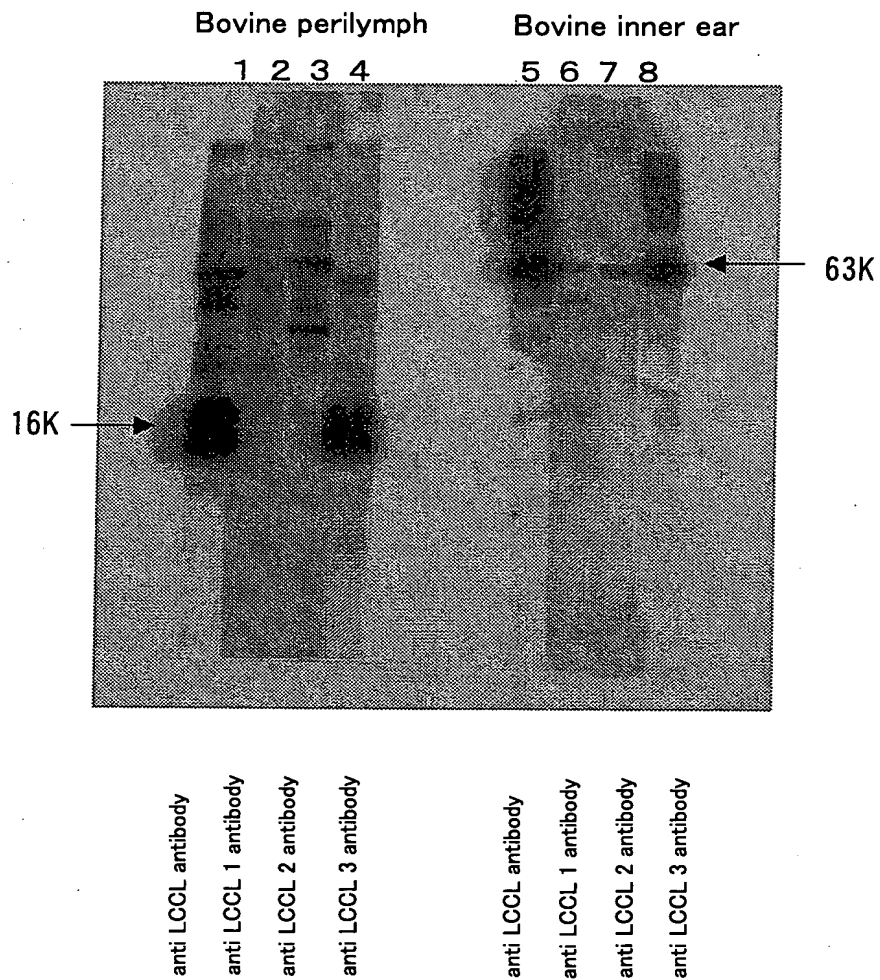
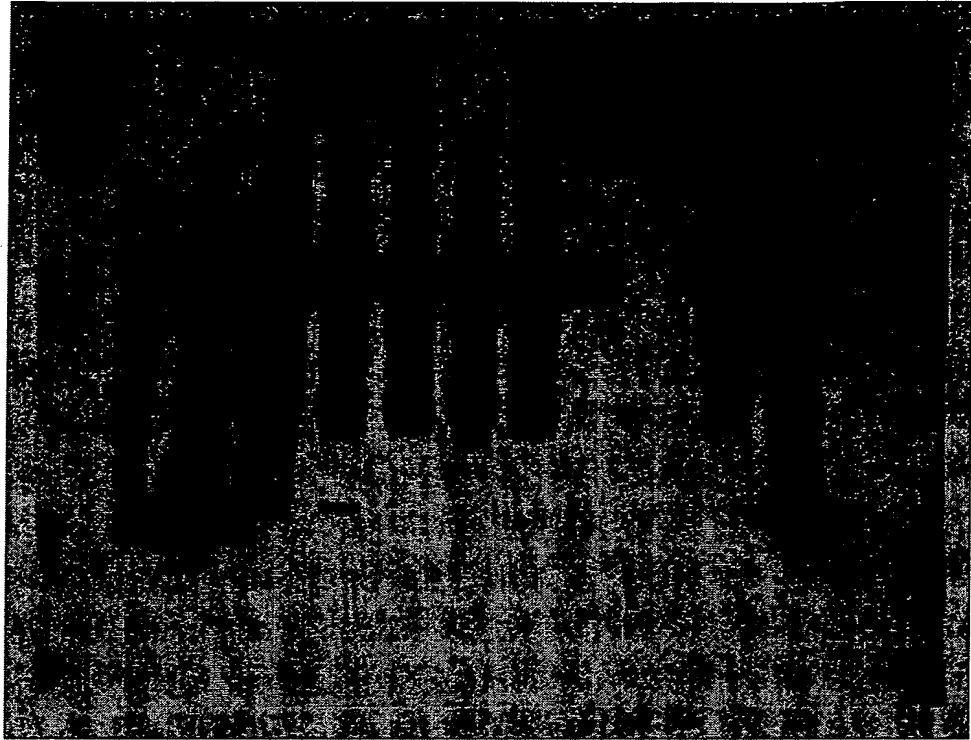
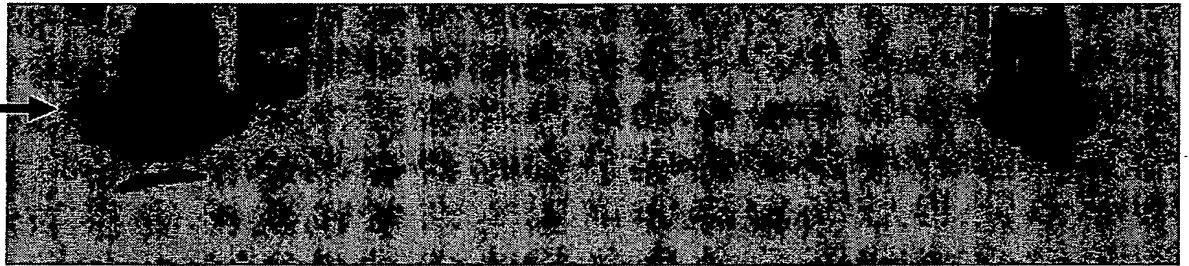


Fig. 9



16K



Size marker

- + Cochlear implant 3
- Meniere's disease 3
- + Suspected perilymph fistula 5
- + Suspected perilymph fistula 6
- + Suspected perilymph fistula 7
- + Suspected perilymph fistula 8
- Suspected perilymph fistula 4
- + Stapes surgery 9
- + Stapes surgery 7

Fig. 10

10/517778

0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 MSAAWIPALGLGVCLLLPGPAGSEGAAPIAITCFTRG⁶³LDIRKEKADVLC
 ⇒63 36-50 (anti LCCL antibody)

50 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 PGGCPLEEFVYGNIVYASVSSICGA⁶³⁻⁸³A⁹⁵⁻¹¹¹VHRGVISNSGGPVRVYSLPGREN
 63-83 (anti LCCL 1 antibody) 95-111

100 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 YSSVDANGIQSQMLSRWSASFTVT¹¹⁴⁻¹²⁷KGKSS¹³⁷⁻¹⁵¹TEATGQAVSTAHPPTGKRLK
 (anti LCCL 2 antibody) 114-127 (anti LCCL 3 antibody) ⇒p44 137-151 (anti p63/44 antibody)

150 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 K¹⁶³⁻¹⁸¹TP¹⁶³⁻¹⁸¹EKKTG¹⁶³⁻¹⁸¹CKADIAFLIDGSFNIGQRRFNLQKNFVGKVALMLGIGTE
 ⇒p40 163-181 (anti p63/44/40 antibody)

200 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 GPHVGLVQASEHPKIEFYLNFTSAKDVLF¹⁶³⁻¹⁸¹AIKEV¹⁶³⁻¹⁸¹GFRGGSNTGKALKH
 163-181 (anti p63/44/40 antibody)